IN THE CLAIMS

1. (Currently Amended) A computer implemented method comprising:

   storing product data on a server coupled to receive requests from client devices over a network, the product data representing one or more products offered by the server, wherein the requests from the client devices are received for purchasing at least one of the offered products;

   generating a set of one or more common search requests for subsets of the product data based on a frequency of previously receivedhow often the search requests for requesting the subsets of the product data have been received by the server from the client devices previously, wherein a search request is designated as a common search request if a number of the search requests received at the server from the client devices within a predetermined period of time exceeds a predetermined threshold and designation of a search request as a common search request if the search request requests for at least a portion of the subsets of the product data;

   performing searches in one or more databases associated with the server in response to the set of common search requests to identify one or more products;

   storing on the server a result of the searches based on the common search requests associated with the identified one or more products;

   receiving at the server a subsequent search request from a client device over the network;

the server determining whether the subsequent search request is equivalent to one of

the previously performed common search requests whose search results are

stored in the server;

providing results from the stored results of the common search requests previously

generated in response to the common search requests without performing a

search for the subsequent search request, if the subsequent search request is

equivalent to one of the common search requests; and

performing the search for the subsequent search request if the subsequent search

request is not equivalent to one of the previously performed common search

requests; and

designating the subsequent search request as a common request if a number of the

subsequent search request received within the predetermined period of time

exceeds the predetermined threshold.

2.   (Previously Presented) The method of claim 1 wherein the product data is stored on

one of a plurality of servers, and further wherein and all requests from a particular user during

a session are directed to a single server.

3.   (Original) The method of claim 2 wherein a session comprises all requests that occur

between a first request of the session and a predetermined period of time during which no

requests are received by the server.

4.   (Previously Presented) The method of claim 3, wherein the product data and

information related to the session are maintained in volatile memory of the server.

5.   (Canceled)

6.   (Currently Amended) The method of claim 1 wherein the set of one or more common search requests comprises one or more searches for a category of information related to various products including at least one medicine product offered by the server over the network.

7.   (Currently Amended) The method of claim 1 6 wherein the data stores product information for use with an electronic commerce World Wide Web site, and wherein at least one search request for at least one medicine product is designated as a common search request based on whether the at least one search request for the at least one medicine product is commonly used in a specific season of a year at the time of the at least one request is received at the server.

8.   (Currently Amended) A machine-readable medium having stored thereon sequences of instructions that, when executed by one or more processors, cause one or more electronic devices to:

store product data on a server coupled to receive requests from client devices over a network, the product data representing one or more products offered by the server, wherein the requests from the client devices are received for purchasing at least one of the offered products;

generate a set of one or more common search requests for subsets of the product data based on how often the a frequency of previously received search requests for

requesting the subsets of the product data have been received by the server from the client devices previously, wherein a search request is designated as a common search request if a number of the search requests received at the server from the client devices within a predetermined period of time exceeds a predetermined threshold~~and designation of a search request as a common search request if the search request requests for at least a portion of the subsets of the product data~~;

perform searches in one or more databases associated with the server in response to the common search requests to identify one or more products;

store on the server a result of the searches based on the common search requests associated with the identified one or more products;

receive at the server a subsequent search request from a client device over the network;

determine by the server whether the subsequent search request is equivalent to one of the previously performed common search requests;

provide results from the stored results of the common search requests previously generated in response to the common search requests without performing a search for the subsequent search request, if the subsequent search request is equivalent to one of the common search requests; ~~and~~

perform the search for the subsequent search request if the subsequent search request is not equivalent to one of the previously performed common search requests;

and

designate the subsequent search request as a common request if a number of the subsequent search request received within the predetermined period of time exceeds the predetermined threshold.

9.   (Previously Presented) The machine-readable medium of claim 8 wherein the product

data is stored on one of a plurality of servers, and further wherein and all requests from a

particular user during a session are directed to the server.

10.   (Previously Presented) The machine-readable medium of claim 9 wherein a session

comprises all requests that occur between a first request of the session and a predetermined

period of time during which no requests are received by a single server.

11.   (Previously Presented) The machine-readable medium of claim 10, wherein the

product data and information related to the session are maintained in volatile memory of the

server.

12.   (Canceled)

13.   (Currently Amended) The machine-readable medium of claim 8 wherein the set of

one or more common search requests comprises one or more searches for a category of

information related to various products including at least one medicine product offered by the

server over the network.

14.   (Currently Amended) The machine-readable medium of claim 8-13 wherein the

database stores product information for use with an electronic commerce World Wide Web

site, and wherein at least one search request for at least one medicine product is designated as

a common search request based on whether the at least one search request for the at least one

medicine product is commonly used in a specific season of a year at the time of the at least

one request is received at the server.

15.-20. (Canceled)

21.   (Currently Amended) A computer data signal embodied in transmission medium

comprising instructions that, when executed by one or more processors, cause one or more

electronic devices to:

        store product data on a server coupled to receive requests from client devices over a

                network, the product data representing one or more products offered by the

                server, wherein the requests from the client devices are received for purchasing

                at least one of the offered products;

        generate a set of one or more common search requests for subsets of the product data

                based on how often the a frequency of previously received search requests for

                requesting the subsets of the product data have been received by the server

                from the client devices previously, wherein a search request is designated as a

                common search request if a number of the search requests received at the

                server from the client devices within a predetermined period of time exceeds a

                predetermined threshold and designation of a search request as a common

                search request if the search request requests for at least a portion of the subsets

                of the product data;

        perform searches in one or more databases associated with the server in response to the

                set of common search requests to identify one or more products;

        store on the server a result of searches based on the common search requests;

receive at the server a subsequent search request from a client device over the network;

determine by the server whether the subsequent search request is equivalent to one of

the previously performed common search requests;

provide results from the stored results of the common search requests previously

generated in response to the common search requests without performing a

search for the subsequent search request, if the subsequent search request is

equivalent to one of the common search requests; and

perform the search for the subsequent search request if the subsequent search request

is not equivalent to one of the previously performed common search requests;

and

designate the subsequent search request as a common request if a number of the

subsequent search request received within the predetermined period of time

exceeds the predetermined threshold.

22.   (Previously Presented) The computer data signal of claim 21 wherein the product data

is stored on one of a plurality of servers, and further wherein and all requests from a particular

user during a session are directed to the server.

23.   (Previously Presented) The computer data signal of claim 22 wherein a session

comprises all requests that occur between a first request of the session and a predetermined

period of time during which no requests are received by a single server.

24.   (Previously Presented) The computer data signal of claim 23, wherein the product

data and information related to the session are maintained in volatile memory of the server.

25.   (Canceled)

26.   (Currently Amended) The computer data signal of claim 21 wherein the set of one or

more common search requests comprises one or more searches for a category of information

related to various products including at least one medicine product offered by the server over

the network.

27.   (Currently Amended) The computer data signal of claim 2+-26 wherein the database

stores product information for use with an electronic commerce World Wide Web site, and

wherein at least one search request for at least one medicine product is designated as a

common search request based on whether the at least one search request for the at least one

medicine product is commonly used in a specific season of a year at the time of the at least

one request is received at the server.